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ABSTRACT

NICKEL ALLOY COMPOSITION

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A nickel alloy composition, having particular utility for forming an oxidation resistant blade tip on a turbine blade, preferably has a composition substantially as defined by the nominal composition Cr 4.5 wt%; Al 6 wt%; Co 4 wt%; Ta 6 wt%; Re 4 wt%; Hf 0.15 wt%; C 0.05 wt%; Si 0.1 wt%; B 0.005 wt%; W 2 wt%; La 0.003-0.005 wt%; and Y 0.003 to 0.005 wt%; the remainder being nickel.

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